

Appendix B:

Synthetic Control Design Parameters: Exemplary Ligation Extension Components and Reaction Parameters

1. Components (20 μ l reaction)

CF ligation mixture	10 μ l
Bridge template (PCR amplicon / concentrated bridge oligo)	5.0 μ l
Reference nucleic acid mix (0.5 μ M)	5.0 μ l

2. Reaction Parameters

90°	5 seconds	32 Cycles
46.5°	45 seconds	
99°	10 minutes	
4°	∞	